
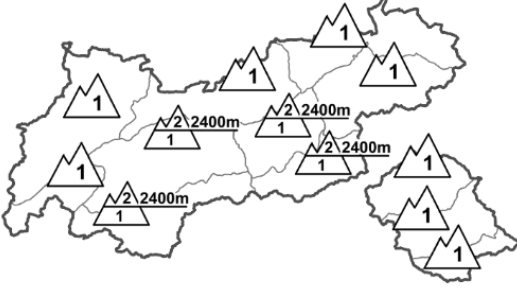
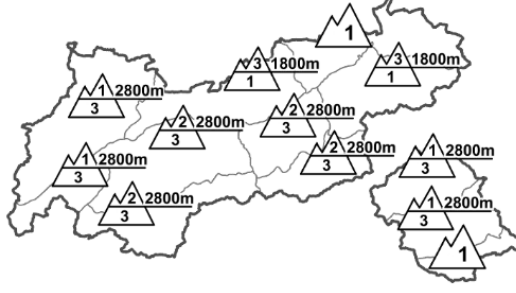











Regional Avalanche Danger Levels in alpine areas from 31.03.2017 07:30 MORNING		Regional Avalanche Danger Levels in alpine areas from 31.03.2017 07:30 AFTERNOON		Tendency tomorrow  increasing
				
WHAT? - problem  old snow	WHERE? - danger spots  2200m  increasing with wetness	WHAT? - problem  wet snow	WHERE? - danger spots  2800m  daytime increase	General Level Tirol 

DANGER PATTERNS (DP): [dp.10 - springtime szenario](#) [dp.1 - deep persistent weak layer](#)

Considerable danger of wet-snow avalanches all day long

AVALANCHE DANGER

Avalanche danger is subject to a noticeable daytime cycle today: in the early morning hours low danger prevails widespread, excluding in the Stubai, Ötztal, Tux and Zillertal Alps where the danger at 2400 to 2900 m is moderate. This is the result of the weak ground-level layers on very steep, shady, largely untracked slopes; there are few avalanche prone locations left, thus, releases are also possible where the snow is shallow. Of far greater importance today is the increase in daytime avalanche danger: as of midday the danger below 2800 m will rise to considerable. On steep, sunny slopes wet-snow slab avalanches can fracture down to the ground, triggered primarily by large additional loading. This is also possible where the melt-freeze crust is capable of bearing loads, as two avalanches yesterday amply demonstrated. In high alpine terrain the danger remains low. What is important in outlying terrain today is your timing, i.e. early return to the valley.

SNOW LAYERING

Classic springtime situation, with the snowpack becoming thoroughly wet over the course of the day. That plus nocturnal outgoing radiation are the major factors determining snow quality and avalanche danger. Last night skies were crystal-clear, thus in all aspects a crust capable of bearing loads formed. Particularly on sunny slopes, the snowpack will become moist deep-down up to 3000m, in some places downright wet. The depth hoar from early winter is still evident on sunny slopes, and the layers are weakened further by the water content. This makes triggering avalanches through additional loading all the more likely.

ALPINE WEATHER FORECAST (ZAMG-WEATHER SERVICE INNSBRUCK)

Good mountain weather conditions, lots of sunshine, little cloud. Harmless cumulus clouds this afternoon. Southerly winds will intensify. Temperatures will be mild, the zero-degree level at 3000m. At 2000m: 3 to 7 degrees; at 3000m: 0 degrees. Moderat to brisk S/SW winds, stronger and gusty in the foehn-exposed mountains.

SHORT TERM DEVELOPMENT

Increasingly frequent wet-snow avalanches can be expected

Patrick Nairz

Translated by Jeffrey McCabe